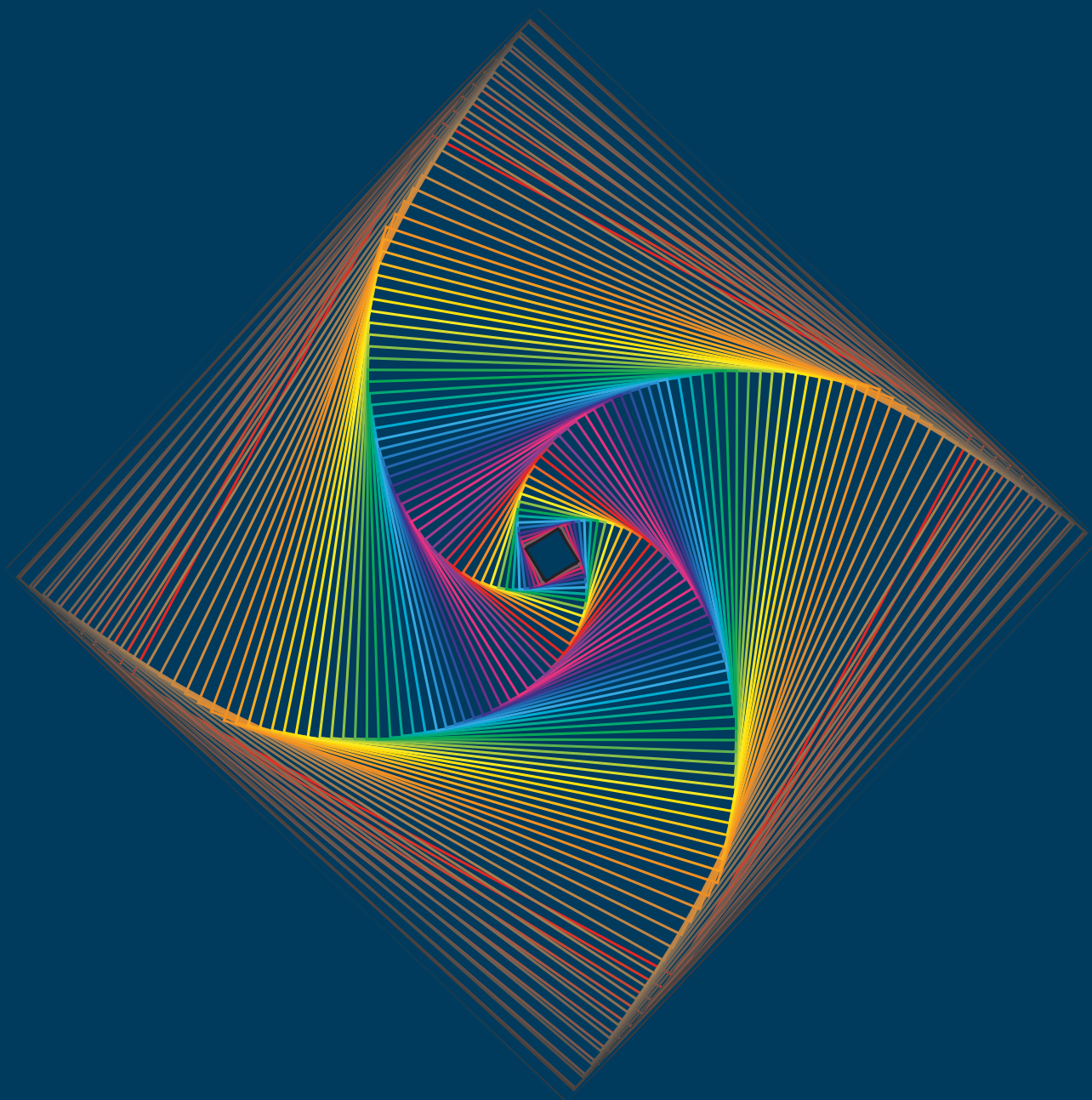
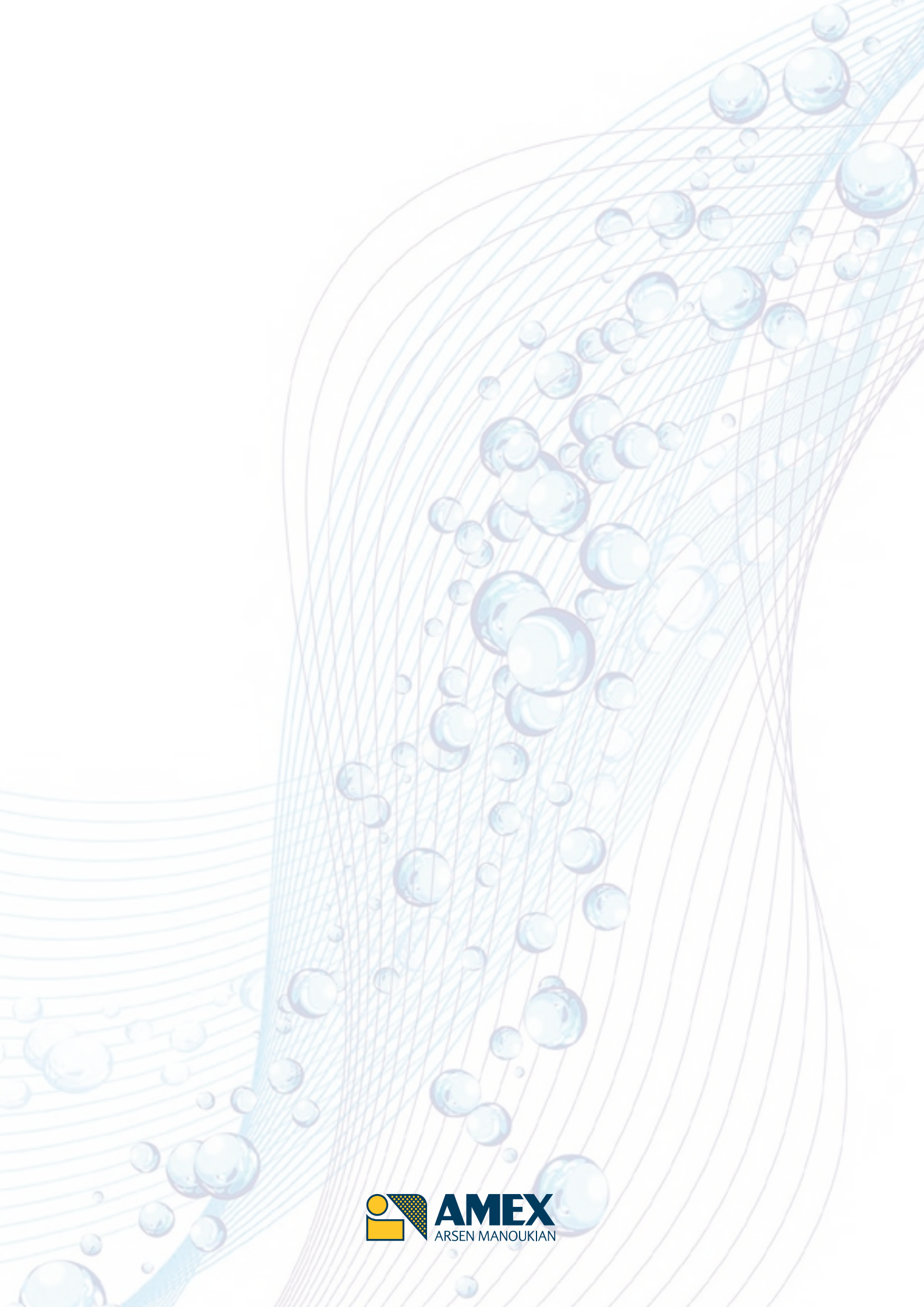




PHOTOEMULSIONS & SCREEN PRINTING INKS





## A DYNAMIC COMPANY

AMEX is a medium size, internationally oriented company established in ITALY.

AMEX is one of the leading manufacturers of chemical products for stencil making and screen printing for more than 30 years.

Our management and company structure is simple and efficient. With speed and flexibility, AMEX can offer its experience in developing new solutions, to keep pace with rapid modernization, taking care of quality and respecting the environment.

In all aspects of the business, AMEX employees are actively engaged in supporting customers and distributors. We are constantly on the look out for new innovations and travel extensively to be able to offer solutions from all corners of the world. Thanks to the open dialogue with our partners we can understand every market need and accordingly propose new products and ideas.

AMEX chemical research department uses advanced technologies and high quality raw materials, keeping focused on respecting the environment. Every AMEX product is manufactured in ITALY. Our highly skilled staff are always looking forward, proactively developing creative products and service solutions for improved productivity and profitability for our customers.

With careful study, research and testing we can offer products with the best performance in class.

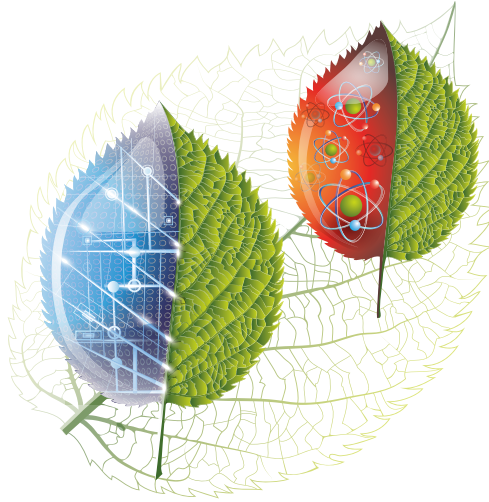




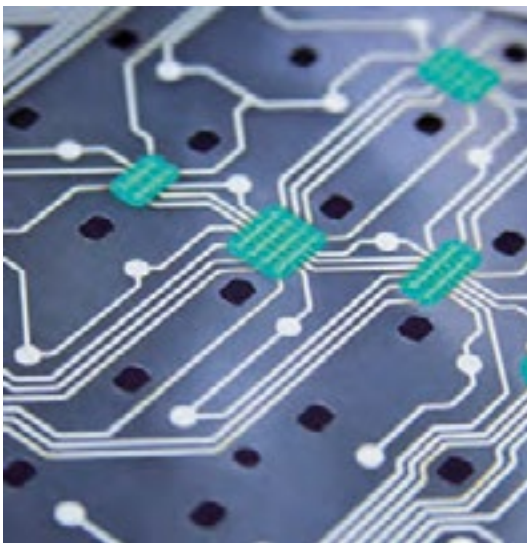
## SCREEN-SOL

AMEX is a world leading manufacturer of chemical products for screen making and screen printing as well.

We offer a complete line of screen making products including frame adhesives, rotary & flat bed photoemulsions and chemicals for environmentally safe screen cleaning and preparation.



Thanks to AMEX's expertly trained and skilled staff using the latest innovative technologies, we are able to offer the most updated products and solutions for all customers and partners all over the world.



AMEX screen making products are used in a wide range of applications including textile, graphic, electronic and industrial printing. From T-shirts to stickers, decals to solar panels, AMEX offers solutions to all your screen printing and decoration needs.

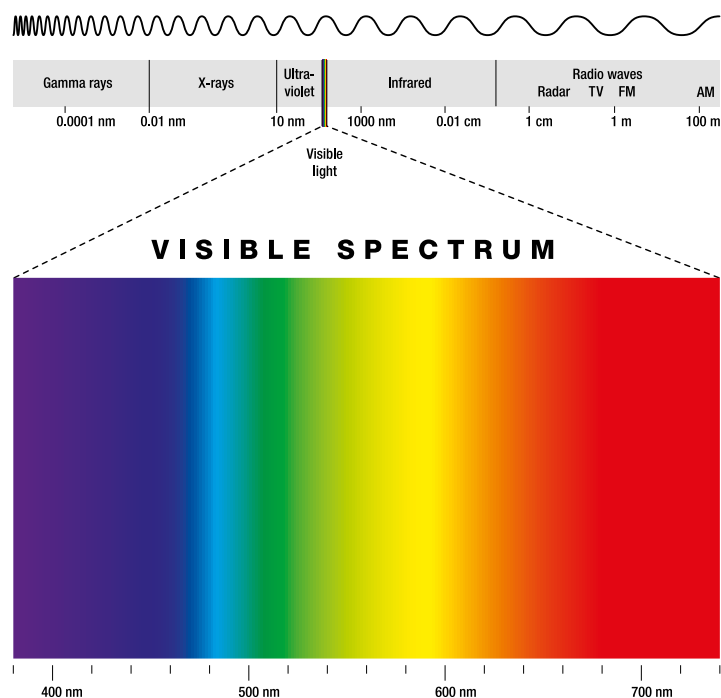
## SCREEN-SOL

The Screen-Sol emulsion range for flat bed printing includes single-cure diazo, dual-cure and photo-polymer based products.

Diazo photoemulsions have been used for many decades in the print industry and are still the preferred choice when low production costs are a major consideration. Diazo emulsions can be either water resistant or resistant to UV and solvent-based inks.



Dual-cure photoemulsions are based on newer technology and offer the largest variety in features and applications. Their main benefit is to offer high resolution and the widest exposure latitude of the three emulsion systems. Whether you need an emulsion with high chemical resistance or one specifically for glass industry, our range provides the right emulsion for your requirements.



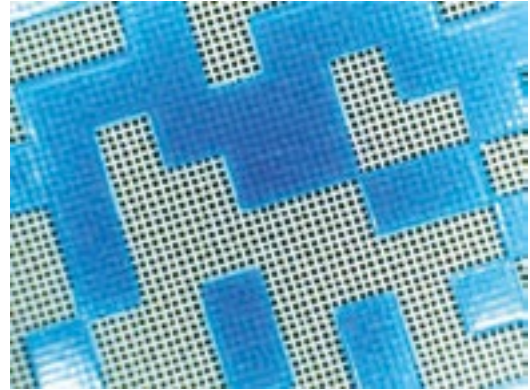
SBQ photoemulsions are one-component emulsion systems that are pre-sensitized and ready for use.

Their innovative curing technology offer very fast exposure speed's and can be used universally, from the basic sunlight exposing system right up the newest exposure equipment such as Computer To Screen.

Especially for textile high build printing, SBQ high thickness photoemulsions are the best solution.

The Screen-Sol range of 15 direct emulsions is designed to meet the most exacting demands of stencil makers across the world.

AMEX Screen-Sol photoemulsions incorporate advanced photo-curing technology to give you reliable, repeatable and high-performance results, from long production runs in the textile industry, through to large format graphics.



The formulating chemists at AMEX focus on every aspect of product performance from coating the photoemulsion, to cleaning the screen to ensure total customer satisfaction.

### Key Benefits

- Unrivalled coating quality to minimize spotting out
- High build for easy coating
- Wide exposure latitude to minimize production variations
- Outstanding resistance to most inks

# SCREEN-SOL

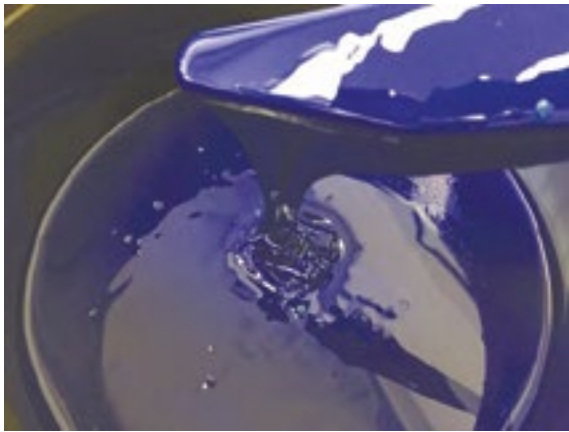
## AMEX PHOTOEMULSIONS

SCREEN-SOL												
	Colour	Application	Water based	Plastisol	UV inks	Solvent Based	Solid Contents	Viscosity (cPs) at 25°C	Recover	Resolution	Shelf Life	Pot Life (sensitized)
<b>TRADITIONAL DIAZO</b>												
SCREEN-SOL RM	Blue	Textile	3	4	2	3	29%	11.000	5	3	24 months	4-6 weeks
SCREEN-SOL SD	Violet	Graphic Textile	2	4	4	5	29%	7.000	5	4	24 months	4-6 weeks
<b>DUALCURE</b>												
SCREEN-SOL Q	Blue	Textile	5	4	3	3	48%	20.000	2	3	18 months	3-5 weeks
SCREEN-SOL QT	Blue	Textile	4	5	3	3	40%	15.000	4	4	18 months	4-6 weeks
SCREEN-SOL QR	Blue	Textile	4	4	3	3	39%	13.000	3	3	18 months	4-6 weeks
SCREEN-SOL GK	Blue	Glass Electronics	5	5	5	5	46%	30.000	4	5	18 months	3-5 weeks
SCREEN-SOL GK PLUS	Blue	Glass Textile	5	5	5	5	46%	30.000	3	5	18 months	3-5 weeks
SCREEN-SOL 400	Blue	Textile Industrial	3	5	4	3	34%	18.000	5	4	18 months	4-6 weeks
SCREEN-SOL 200	Violet	Graphic Industrial Textile	3	4	5	5	35%	38.000	5	5	18 months	4-6 weeks
SCREEN-SOL 600	Violet	Graphic Industrial	2	5	5	5	37%	15.000	5	5	18 months	4-6 weeks
SCREEN-SOL QS	Violet	Decals	5	4	5	4	49%	35.000	2	5	18 months	3-5 weeks
<b>PURE PHOTOPOLYMER SBQ</b>												
SCREEN-SOL HS 900	Light Blue	3D stencils	4	5	4	4	47%	40.000	3	5	18 months	1 year
SCREEN-SOL HS ONE	Blue	Textile	3	5	n/a	4	44%	10.500	5	3	18 months	1 year
SCREEN-SOL HS 3 CTS	Green	CTS	3	4	4	4	44%	10.000	5	4	18 months	1 year
1: POOR      2: FAIR      3: GOOD      4: VERY GOOD      5: EXCELLENT												

## SCREEN-SOL

The Screen-Sol Roto emulsions range is dedicated to the roll to roll screen printing industry, from textile to wallpapers.

Our chemists have developed different emulsion types according to the most updated engraving technologies, and thanks to the open dialog with our customer and partners around the world we can manufacture a complete range of products and a dedicated service for every market requirement.

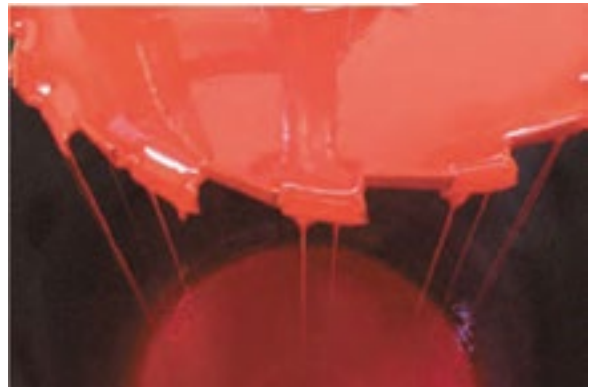


### Key Benefits

- Emulsions for either manual or machine coating of rotary screens across all mesh counts
- Chemically and mechanically resistant to all printing pastes
- Easy coating, very fine details, extremely large exposure latitude

### AMEX range includes

- Dichromate sensitized photoemulsions
- One component, low odour laser engraving lacquer for textile and wallpaper printing
- The latest Chrome free emulsions for rotary screen printing



Diazo photoemulsions for rotary printing screens can be used for textile and wallpaper printing with Blue-Ray, laser and DLE-CTS exposure systems, but are also suitable for engraving rotary printing screens with conventional film exposure, wax and inkjet systems.



# SCREEN-SOL

## AMEX PHOTOEMULSIONS

SCREEN-SOL													
	Colour	Engraving	Discharge	Direct	Reactive	Acid	Indantren	Disperse	Pigment Paste	Solid Content	Viscosity (cPs) at 25°C	Resolution	Shelf Life
<b>TRADITIONAL</b>													
SCREEN-SOL ROTO	Red/Blue	Film/Wax Ink Jet Laser	5	5	4	4	4	5	5	39%	15.000	4	24 months
SCREEN-SOL ROTO FAST	Red/Blue	Film/Wax Ink Jet Laser	4	5	4	4	4	5	5	41%	12.500	4	24 months
<b>DIAZO</b>													
SCREEN-SOL ROTO ECO	Red/Blue	Film/Wax Ink Jet Laser/CTS	5	5	4	4	4	5	5	46%	12.500	5	24 months
SCREEN-SOL ROTO ECO PLUS	Red/Blue	Film/Wax Ink Jet Laser/CTS	5	5	5	5	4	5	5	45%	12.500	5	12 months
<b>ONE COMPONENT</b>													
SCREEN-SOL ROTO LASER	Red/Blue	Laser	5	5	5	5	5	5	5	33%	2.500	5	24 months
1: POOR    2: FAIR    3: GOOD    4: VERY GOOD    5: EXCELLENT													

Stencil screen manufacturing is an important process, in which the photoemulsion surely plays the leading role.

In any case we cannot underestimate the other steps in the process that have an important influence on the final successful result.

AMEX range covers all aspects of the stencil making and screen cleaning process offering an advanced serie of chemicals to considerably simplify your pre-press process at every stage.

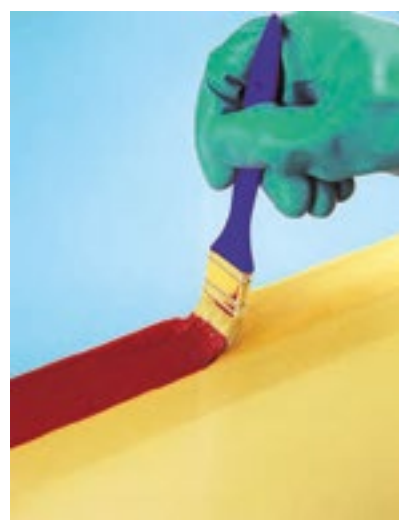
Screen-Chem is a complete line of products that gives both large and small users the benefits of ease of use, safety, efficiency and environmental care.

### Screen-Chem Bond 007

Two-parts urethane-based systems indicated for all kinds of frames (wood, aluminum and metal).

It has an excellent chemical and mechanical resistance, enables maximum mesh tensions to be achieved.

It dries fast that means short cut-out times which is perfect for high volume production.



### Screen-Chem Degreaser

Concentrated degreaser non-hazardous and eco friendly.

It is specially designed to clean and prepare the mesh. It removes surface contamination, improves film lamination and the coating and bonding of direct emulsions and stencil films, resulting in optimum stencil performance and durability, even improve print quality.



### **Screen-Chem Filler**

One component screen blockout/retouching products designed for use with a wide range of ink types.

They offer both high performance and user friendliness, with their excellent coating characteristics and environmentally friendly formulation 100% solvents free.

The range includes blue, red and green fillers.

### Screen-Chem Filler

Excellent chemical resistance to solvent based and UV inks.

### Screen-Chem Filler WB

Excellent chemical resistance to water based inks.



### **Screen-Chem Catalyst**

A stencil hardening system for all water resistant direct emulsion screens.

Especially developed to increase chemical/mechanical resistances for long running productions, they offer both high performance and user friendliness.

The range includes reclaimable and non reclaimable hardners.

### Screen-Chem Catalyst

increase the water resistance of photoemulsions.

### Screen-Chem Catalyst Special

it makes photoemulsions permanent.

### **Screen-Chem Strip**

Products range of stencil removing chemistry for the recovery of non-varnished screens.

They are indicated for the removal of every kind of flat-bed photoemulsion from polyester and nylon meshes.

The Screen-Chem range is chlorine and heavy metal free and it is available in a wide choice of paste, powder or concentrate liquid.

[Screen-Chem Strip Soluzione](#)

[Screen-Chem Strip Soluzione Conc.](#)

[Screen-Chem Strip Paste](#)

[Screen-Chem Strip Powder](#)



### **Screen-Chem Anti Ghost**

One or two component product for the removal of “ghost images” after the recovery of the screens.

Its solvent-free formulation is highly effective in the removal of “ghost images” and marks, originated by the “dyeing” action of the inks onto the screens.

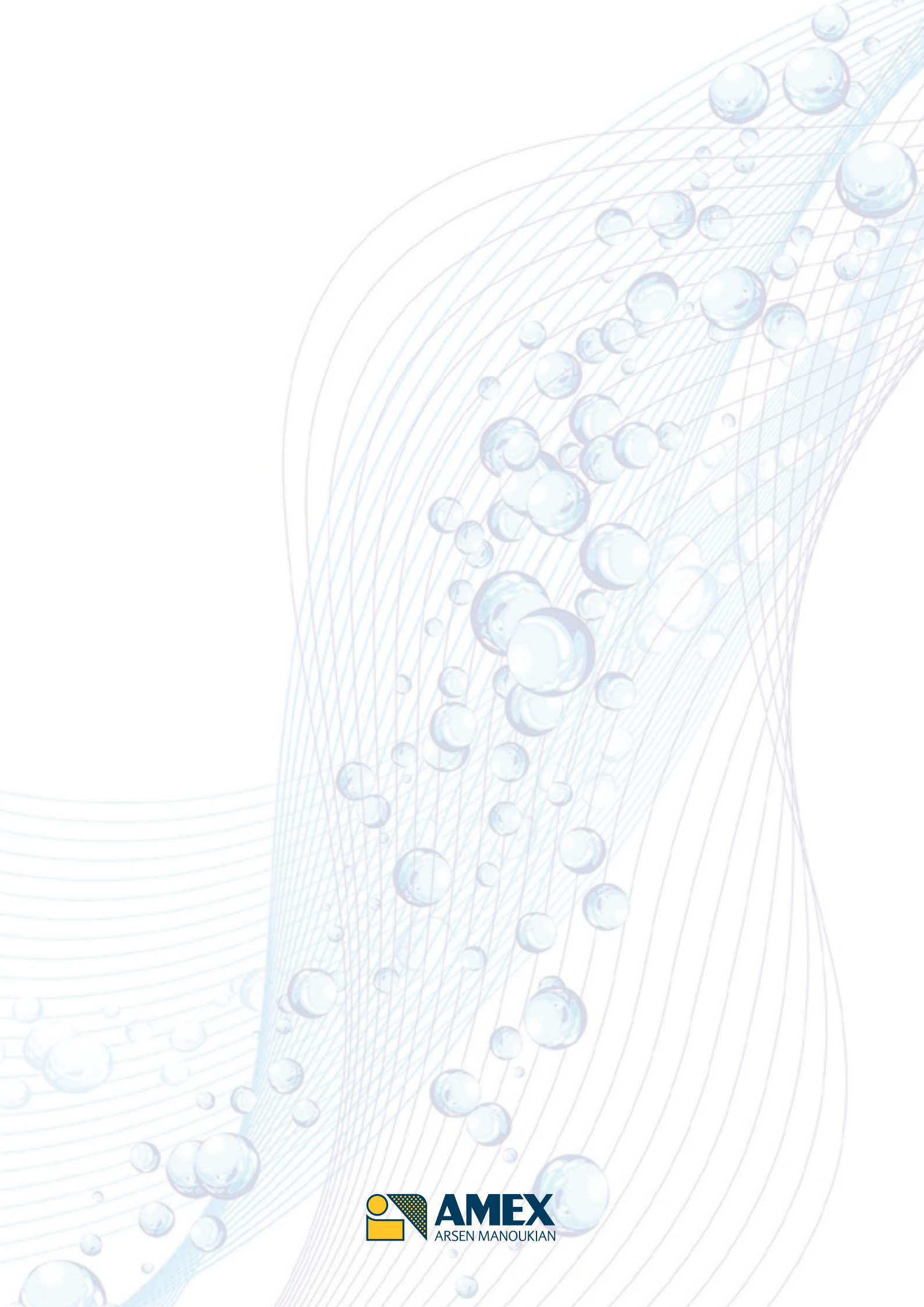
If a stronger performance is required, a mixture of Screen-Chem Anti Ghost and Screen-Chem Anti Ghost Additive is even more effective than the use of the single product.



## NOTES

## NOTES





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